

## SEQUENCE LISTING

<110> Phairson Medical, Inc.  
 Johan de Faire  
 Richard L. Franklin  
 John Kay

<120> Acne Treatment With Multifunctional  
 Enzyme

<130> 314572-101C

<140> US 08/600,273

<141> 1996-02-08

<150> US 08/486,820

<151> 1995-06-07

<150> US 08/385,540

<151> 1995-02-08

<160> 20

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 25

<212> PRT

<213> Euphasia superba

<400> 1

Ile	Val	Gly	Gly	Asn	Glu	Val	Thr	Pro	His	Ala	Tyr	Pro	Trp	Gln	Val
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Gly	Leu	Phe	Ile	Asp	Asp	Met	Tyr	Phe							
			20					25							

<210> 2

<211> 25

<212> PRT

<213> Euphasia superba

<400> 2

Ile	Val	Gly	Gly	Met	Glu	Val	Thr	Pro	His	Ala	Tyr	Pro	Trp	Gln	Val
1				5					10					15	
Gly	Leu	Phe	Ile	Asp	Asp	Met	Tyr	Phe							
			20					25							

<210> 3

<211> 25

<212> PRT

&lt;213&gt; Penaeus vanameii

&lt;400&gt; 3

Ile	Val	Gly	Gly	Val	Glu	Ala	Thr	Pro	His	Ser	Trp	Pro	His	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile	Asp	Asp	Met	Tyr	Phe							
			20					25							

&lt;210&gt; 4

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Penaeus vanameii

&lt;220&gt;

&lt;221&gt; VARIANT

&lt;222&gt; (1)...(20)

&lt;223&gt; Xaa = Any Amino Acid

&lt;400&gt; 4

Ile	Val	Gly	Gly	Val	Glu	Ala	Thr	Pro	His	Ser	Xaa	Pro	His	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile												
			20												

&lt;210&gt; 5

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Penaeus monodon

&lt;400&gt; 5

Ile	Val	Gly	Gly	Thr	Ala	Val	Thr	Pro	Gly	Glu	Phe	Pro	Tyr	Gln	Leu
1				5					10					15	
Ser	Phe	Gln	Asp	Ser	Ile	Glu	Gly	Val							
			20					25							

&lt;210&gt; 6

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Penaeus monodon

&lt;400&gt; 6

Ile	Val	Gly	Gly	Val	Glu	Ala	Val	Pro	Gly	Val	Trp	Pro	Tyr	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile	Ile	Asp	Met	Tyr	Phe							
			20					25							

&lt;210&gt; 7

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Penaeus monodon

<400> 7  
 Ile Val Gly Gly Val Glu Ala Val Pro His Ser Trp Pro Tyr Gln Ala-  
 1 5 10 15  
 Ala Leu Phe Ile Ile Asp Met Tyr Phe  
 20 25

<210> 8  
 <211> 25  
 <212> PRT  
 <213> Uca pugilator

<400> 8  
 Ile Val Gly Gly Val Glu Ala Val Pro Asn Ser Trp Pro His Gln Ala  
 1 5 10 15  
 Ala Leu Phe Ile Asp Asp Met Tyr Phe  
 20 25

<210> 9  
 <211> 20  
 <212> PRT  
 <213> Uca pugilator

<400> 9  
 Ile Val Gly Gly Gln Asp Ala Thr Pro Gly Gln Phe Pro Tyr Gln Leu  
 1 5 10 15  
 Ser Phe Gln Asp  
 20

<210> 10  
 <211> 19  
 <212> PRT  
 <213> King crab

<220>  
 <221> VARIANT  
 <222> (1)...(19)  
 <223> Xaa = Any Amino Acid

<400> 10  
 Ile Val Gly Gly Gln Glu Ala Ser Pro Gly Ser Trp Pro Xaa Gln Val  
 1 5 10 15  
 Gly Leu Phe

<210> 11  
 <211> 20  
 <212> PRT  
 <213> Kamchatka crab

<220>  
 <221> VARIANT

&lt;222&gt; (1)...(20)

&lt;223&gt; Xaa = Any Amino Acid

&lt;400&gt; 11

Ile	Val	Gly	Gly	Gln	Glu	Ala	Ser	Pro	Gly	Ser	Trp	Pro	Xaa	Gln	Val
1				5					10					15	
Gly	Leu	Phe	Phe												
			20												

&lt;210&gt; 12

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Kamchatka crab

&lt;400&gt; 12

Ile	Val	Gly	Gly	Thr	Glu	Val	Thr	Pro	Gly	Glu	Ile	Pro	Tyr	Gln	Leu
1				5					10					15	
Ser	Leu	Gln	Asp												
			20												

&lt;210&gt; 13

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Kamchatka crab

&lt;400&gt; 13

Ile	Val	Gly	Gly	Thr	Glu	Val	Thr	Pro	Gly	Glu	Ile	Pro	Tyr	Gln	Leu
1				5					10					15	
Ser	Phe	Gln	Asp												
			20												

&lt;210&gt; 14

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Kamchatka crab

&lt;400&gt; 14

Ile	Val	Gly	Gly	Ser	Glu	Ala	Thr	Ser	Gly	Gln	Phe	Pro	Tyr	Gln	Xaa
1				5					10					15	
Ser	Phe	Gln	Asp												
			20												

&lt;210&gt; 15

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Crayfish

&lt;400&gt; 15

Ile	Val	Gly	Gly	Thr	Asp	Ala	Thr	Leu	Gly	Glu	Phe	Pro	Tyr	Gln	Leu
1				5					10					15	
Ser	Phe	Gln	Asn												

20

<210> 16  
 <211> 20  
 <212> PRT  
 <213> Bovine

<400> 16  
 Ile Val Asn Gly Glu Asp Ala Val Pro Gly Ser Trp Pro Trp Gln Val  
 1 5 10 15  
 Ser Leu Gln Asp  
 20

<210> 17  
 <211> 25  
 <212> PRT  
 <213> Salmon

<400> 17  
 Ile Val Gly Gly Tyr Glu Cys Lys Ala Tyr Ser Gln Ala Tyr Gln Val  
 1 5 10 15  
 Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 18  
 <211> 25  
 <212> PRT  
 <213> Atlantic cod

<400> 18  
 Ile Val Gly Gly Tyr Glu Cys Thr Lys His Ser Gln Ala His Gln Val  
 1 5 10 15  
 Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 19  
 <211> 25  
 <212> PRT  
 <213> Atlantic cod

<400> 19  
 Ile Val Gly Gly Tyr Glu Cys Thr Arg His Ser Gln Ala His Gln Val  
 1 5 10 15  
 Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 20  
 <211> 25  
 <212> PRT  
 <213> Euphasia superba

<220>  
 <221> VARIANT  
 <222> (1)...(25)  
 <223> Xaa = Any Amino Acid

<400> 20  
 Ile Val Gly Gly Xaa Glu Val Thr Pro His Ala Tyr Pro Trp Gln Val  
 1 5 10 15  
 Gly Leu Phe Ile Asp Asp Met Tyr Phe  
 20 25